FIGURE 1: Preparation of the formulation in the form of a pellet
(using the example of polymer particles; alternatively, lipid particles can be used)

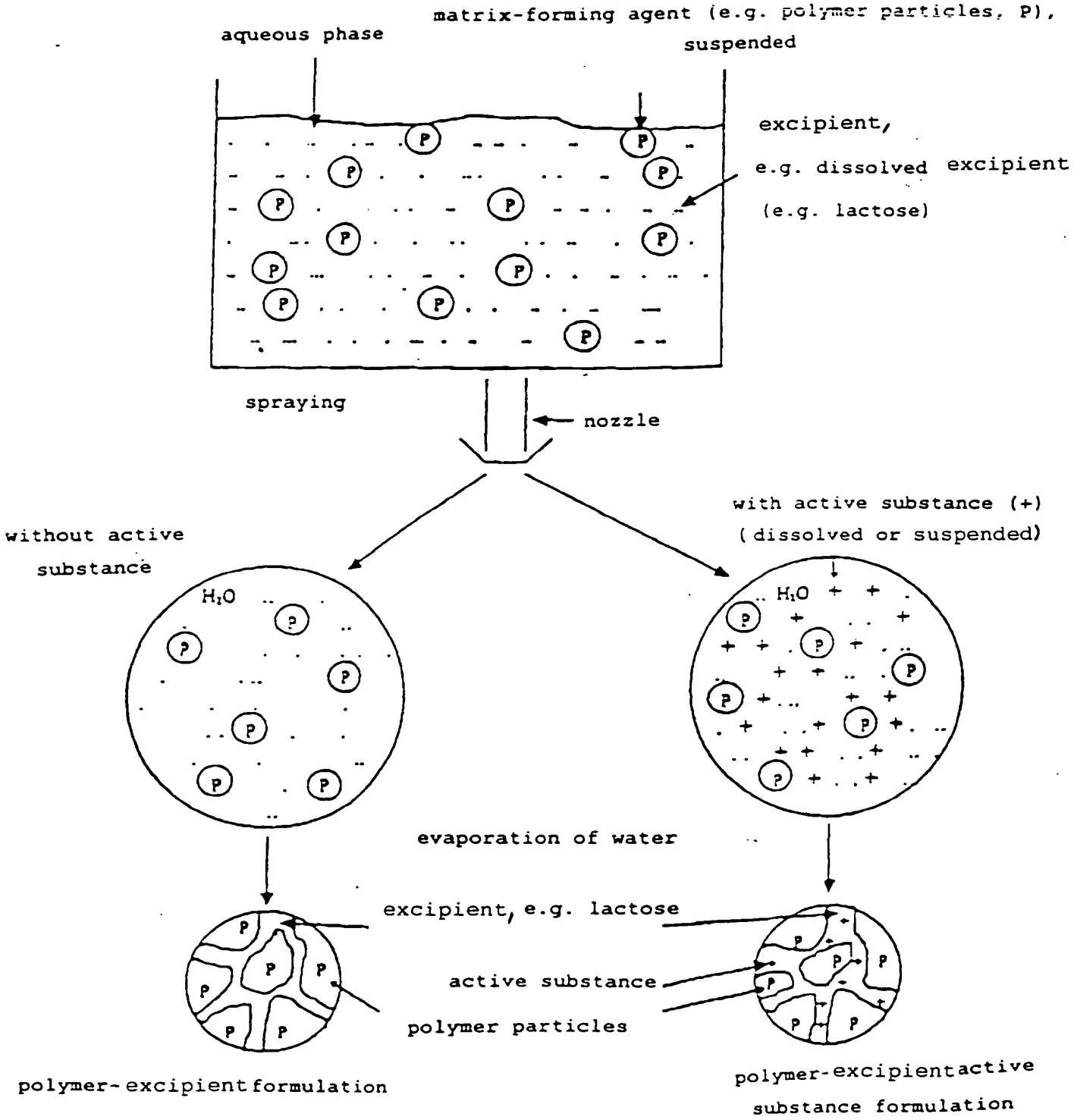


FIGURE 2: Preparation of larger matrix units
(using the example of polymer particles; alternatively lipid particles can be used)

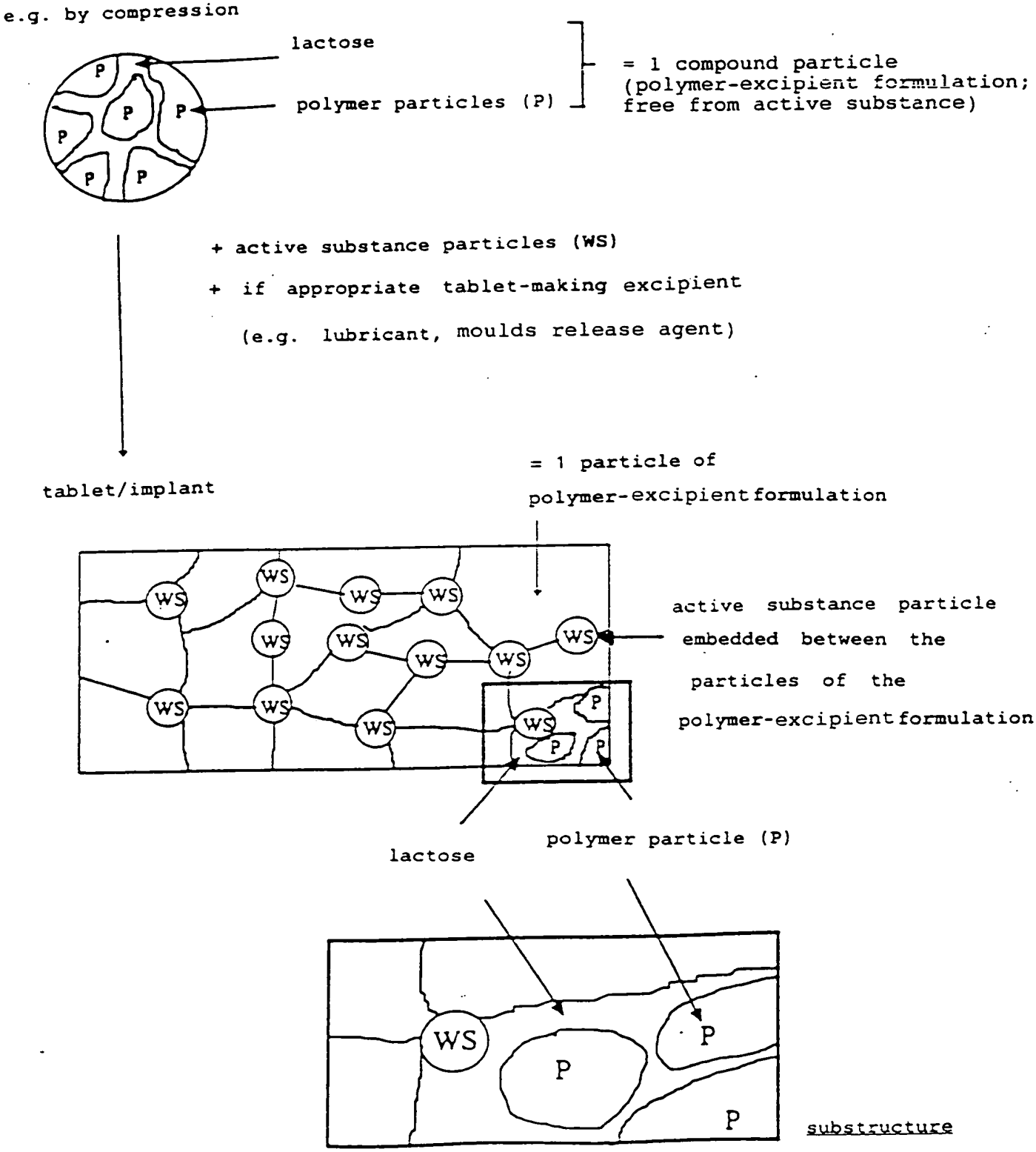


FIGURE 3a: O/W emulsion process (prior art)

- solvent evaporation
- in-liquid drying
- supercritical gas extraction

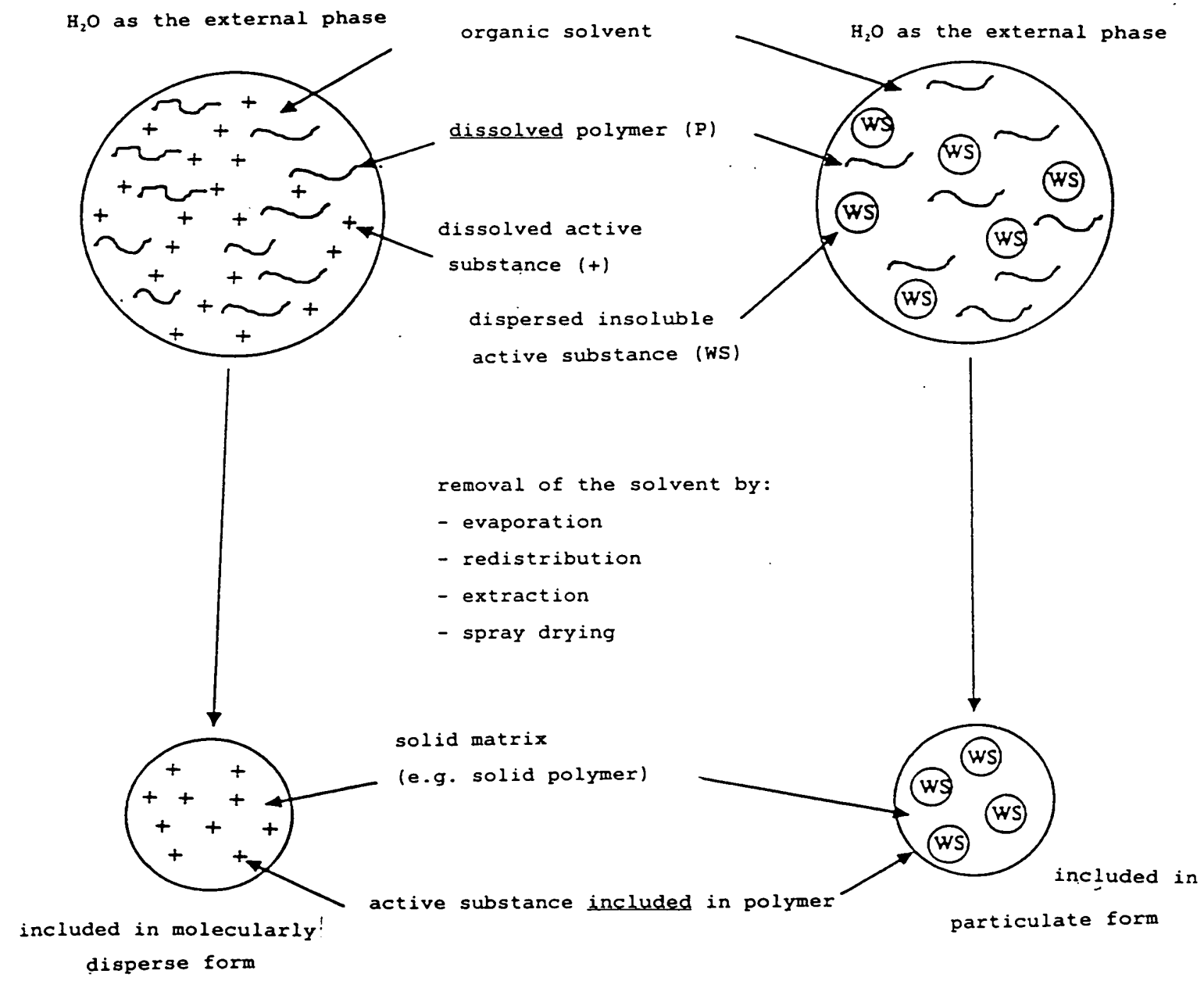


FIGURE 3b: W/O emulsion process (prior art)

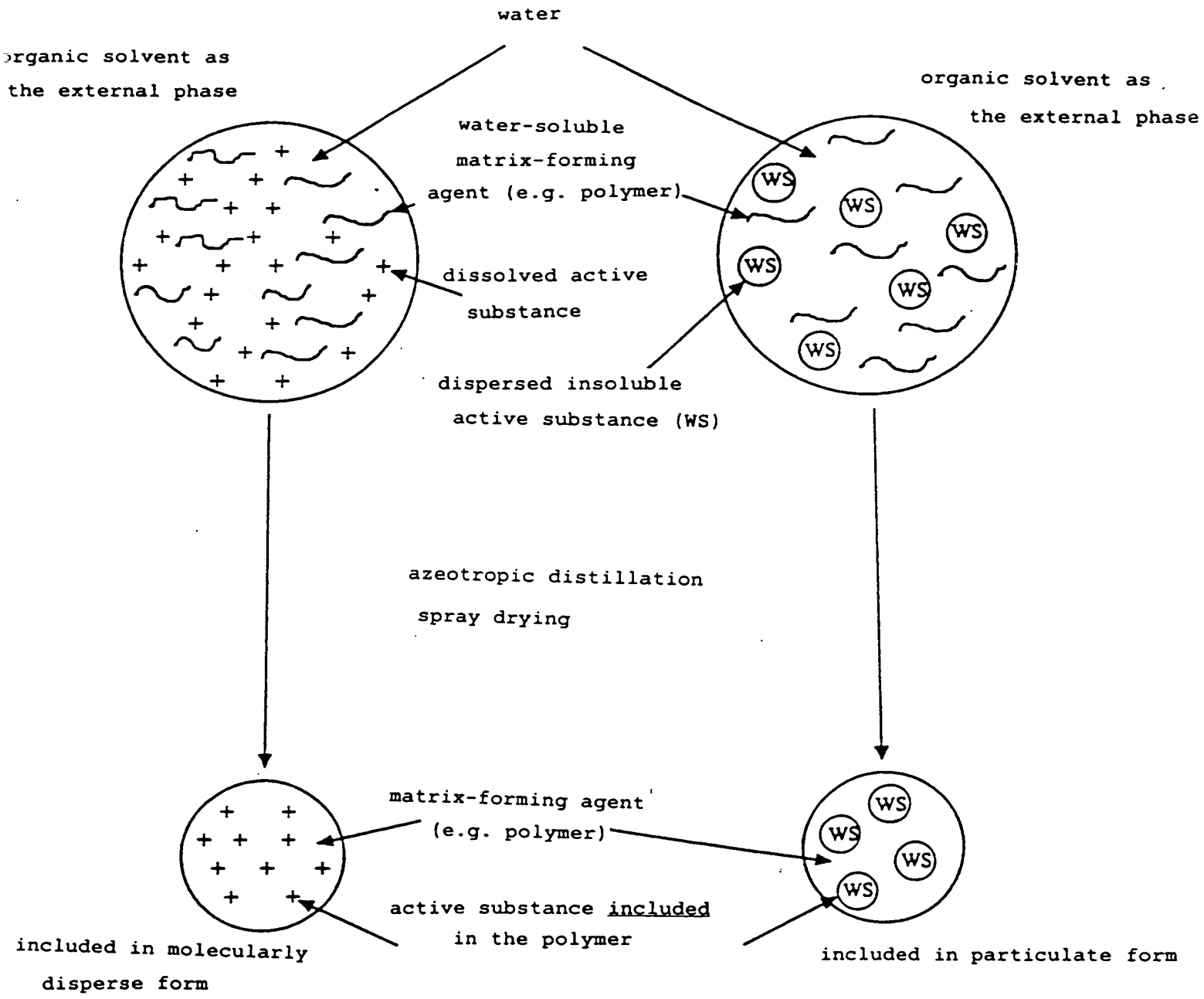
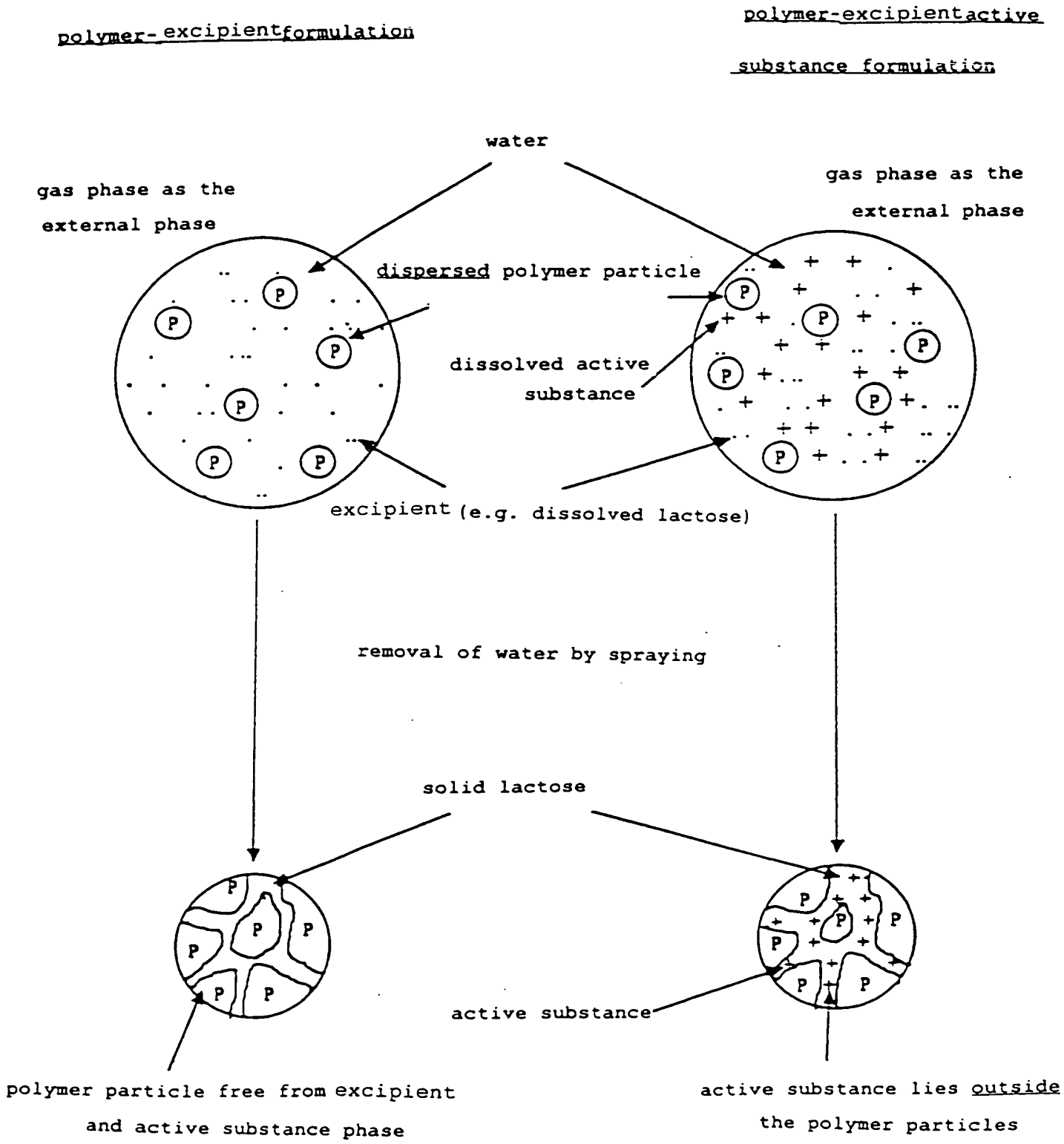


FIGURE 4: Process according to the invention
(using the example of polymer particles;
alternatively, lipid particles can be used)



Figures of lipid compounds/1

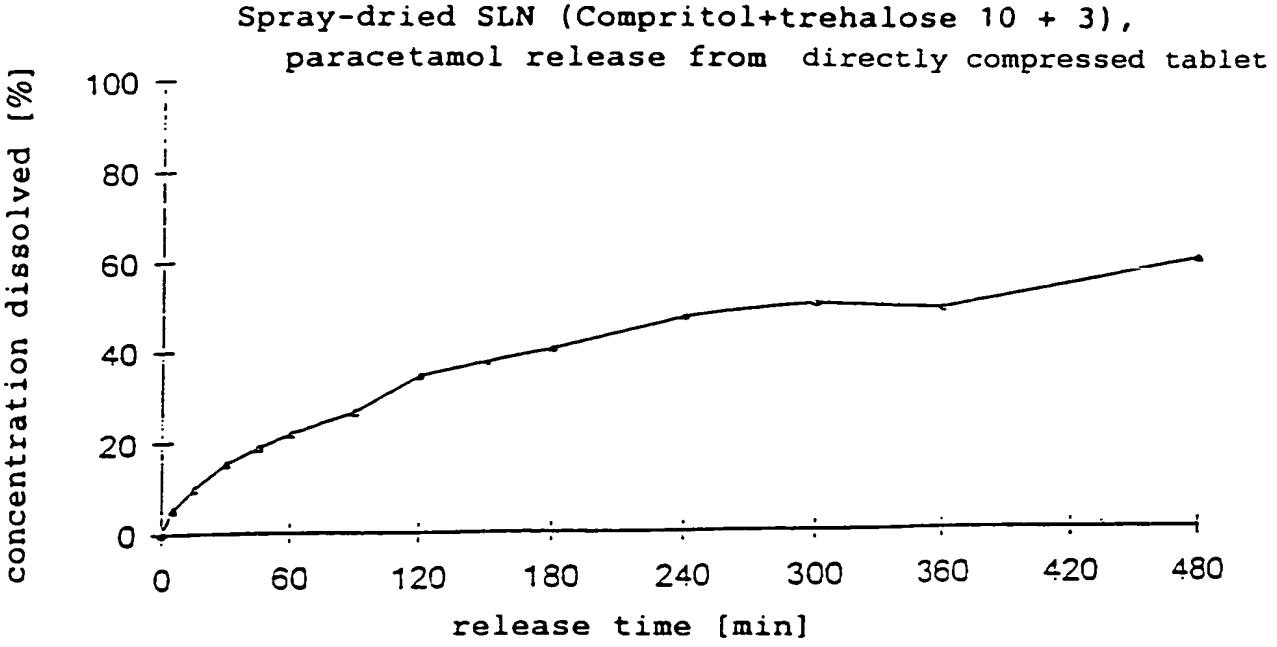


Fig. 5: Release of paracetamol from a tabletted mixture of spray-dried lipid-trehalose compound (9 parts) plus paracetamol (1 part) with admixing of 0.5 % Aerosil 200 and 0.5 % magnesium stearate. (Tablet weight : 500 mg, composition lipid-trehalose compound Compritol 888 ATO 10 parts plus 3 parts trehalose)

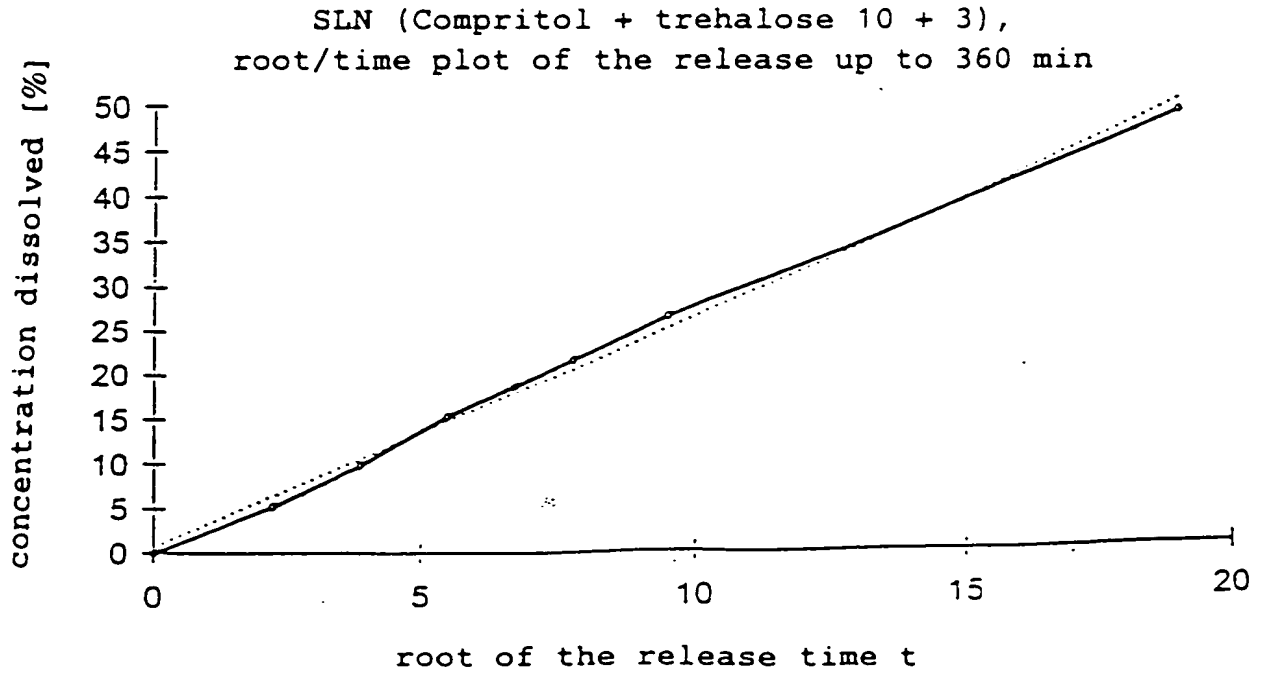


Fig. 6: Root/time plot of the release curve from fig. 5 to demonstrate the matrix release (broken line = trend line)